

SILICA-BASED MICROPARTICLE, METHOD FOR PRODUCING DISPERSION WITH THE SAME, AND BASE MATERIAL WITH COATING FILM

Publication number: JP2001233611

Publication date: 2001-08-28

Inventor: NISHIDA HIROYASU; NAKAI MITSURU; HIYOUHAKU YUJI; KOMATSU MICHIO

Applicant: CATALYSTS & CHEM IND CO

Classification:

- **International:** C01B33/193; C09C1/28; C09C1/28; C01B33/00; C09C1/28; C09C1/28; (IPC1-7): C09C1/28; C01B33/193

- **European:**

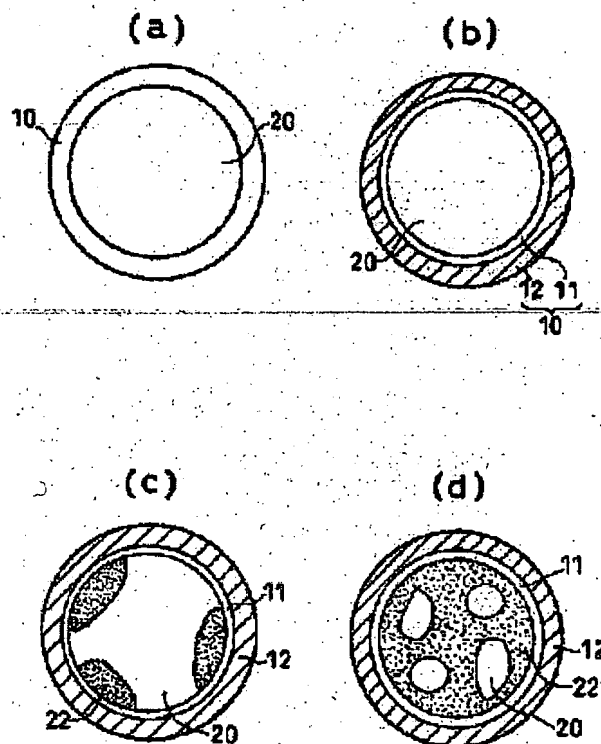
Application number: JP20000048277 20000224

Priority number(s): JP20000048277 20000224

Report a data error here

Abstract of JP2001233611

PROBLEM TO BE SOLVED: To provide silica-based microparticles of low refractive index, and to provide a base material with a coating film excellent in adhesion to resin or the like and antireflectivity. **SOLUTION:** This silica-based microparticle is such that, as shown in the figure 1 (a), there is a hollow 20 inside a shell 10 consisting of a silica-based inorganic oxide; wherein the shell 10 may be either porous, or such as to seal up the hollow 20 with the micropores closed, and, as shown in the figure 1 (b), is preferably a silica-based multiple coating layer composed of a 1st silica coating layer 11 and a 2nd coating layer 12.



Data supplied from the esp@cenet database - Worldwide